$$F(x,y,z) = \langle xye^{z}, xy^{2}z^{3}, -ye^{z} \rangle$$

 $x=3$ $y=6$ $z=1$



$$F(x,y,z) = \langle \cos z + xy^{2}, xe^{-\frac{z}{2}}, \sin y + x^{2} \rangle$$

 $z = x^{2} + y^{2}$ $z = 9$



$$F(x_{1}, z) = \langle z^{\alpha}x, \delta y^{3} + tanz, x^{2}z + y^{\alpha} \rangle$$

 $x^{\alpha}ty^{\alpha}+z^{\alpha}=1$ $x^{2}+y^{\alpha}\leq 1$

